PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-201352

(43)Date of publication of application : 14.08.1989

(51)Int.Cl. C08L 25/04
C08K 5/20

(21)Application number : 63-025695

(22)Date of filing : 08.02.1988

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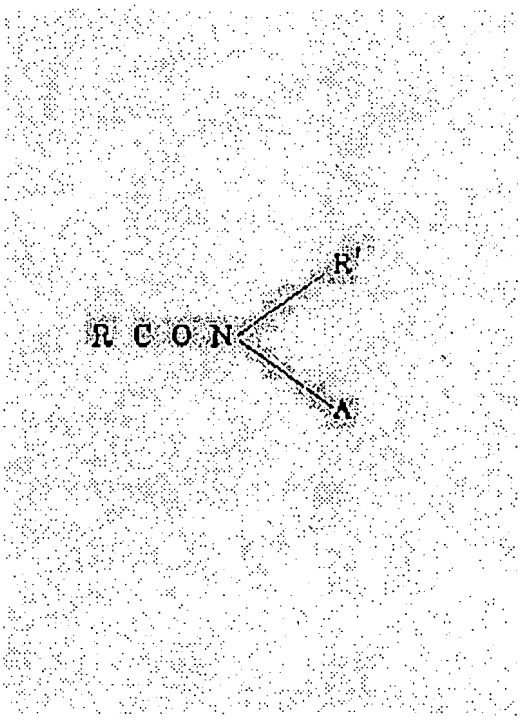
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(54) STYRENE RESIN COMPOSITION

(57)Abstract:

PURPOSE: To obtain the title resin composition improved in flow, by mixing a styrene resin with an N-substituted fatty acid amide as a lubricant.

CONSTITUTION: This resin composition comprises 100pts.wt. styrene resin and 0.01W5pts.wt. compound of the formula, wherein R is a 7W21C alkyl or alkenyl, R' is an 8W22C alkyl or an alkenyl, A is an 8W22C alkyl or alkenyl or H, and at least either of R and R' is an alkenyl. Examples of said N-substituted fatty acid amides include N-caprylercamide, N-laurylercamide and N,N-distearyloleamide. Said amide can be easily obtained by reacting an 8W22C fatty acid with an 8W22C aliphatic prim. or sec. amine through dehydration at 150W300°C. When the content of said amide is below 0.01pt.wt., the flow of the resin can hardly be improved, and when it is above 5pts.wt., the heat distortion temperature of the resin is lowered.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]